

But the wonder of it does not cease here. It has been calculated that the power that drives the watch is equivalent to only four times the force used in a flea's jump. The power that drives a watch is therefore what might be termed the equivalent of a four flea-powered horse-power would suffice to operate one million watches.

Furthermore the balance wheel of a watch moves by this four flea-power 1.43 inches each vibration, or 3,584 miles continuously in one year.

Not much oil is required to lubricate this little machine on its 3,500 mile run. It takes only one-tenth of a drop of oil to cover the entire machinery for a year's service.